												P4		
									_	_		<u> </u>		
						SERIAL NO.				FILING DATE				
CLAIMS ONLY						APPLICANT(S)								
CLAIMS														
	AS F	ILED	AF1		AFT	ER			*		4		*	
	IND.	DEP.	IND.	DEP.	2nd AMEI	DEP.			IND.	DEP.	IND.	DEP.	IND.	DEP.
1	1							51						
2								52 53						
3	$\overline{}$							54		-			<u></u>	
5	$\overline{\mathcal{A}}$							55						
6								56 57		/		:		
7 8		, My						58		-			<del>                                     </del>	
9	N	<b>%</b>	4					59						
10	4	16	4					60 61		-				
11 12	7	10	7					62		/			-	
13			V					63						
14	1	1	9					64	_/_					
15 16	- (	(D)		-				65 66				. ,		
17							:	67	1					
18							:	1 68	1				ļ <u> </u>	
19 20		$\vdash$						1 70		1				5
21								71		,				
22								72		1				
23 24								73		1				
25								75		ì				
26								76		1				
27 28								77		1				
29		<del>                                     </del>						79		1			<b> </b>	
30								80		1		. 27		
31 32					-			81		1			<b>-</b>	
33								83		1				
34								84		1				
35		$\longrightarrow$						( 85 ) 86		1	<u> </u>	٠,		
36 37				!				87		1			-	<b></b>
38								88		١				
39 40		<del>  /-</del>						89		1	<u> </u>		-	$\vdash \vdash \vdash$
40		<del>                                     </del>					1	91	-	1	<del> </del>	<b> </b>		
42		1						92		`	<b>.</b>	<u></u>		
43		/						93		١		ļ	<b>ļ</b>	<b>  </b>
44	<del>                                     </del>	1					1	94		9	<b> </b>	<u> </u>	<del> </del>	$\vdash$
46	/						]	96		i				
47	/						]	97		١			<del> </del>	
48 49	<del>                                     </del>	-				_	1	98		1	-	<u> </u>	<del> </del>	
50			<u> </u>				j	900	<u> </u>					
TOTAL IND.	3	0				2	]	TOTAL IND.						J.
TOTAL DEP.	131	<b>O</b>		0		<b>\</b>		TOTAL DEP.		(C)		<b>(</b>		
TOTAL CLAIMS	134						]	TOTAL CLAIMS						
				* MAY E	BE USED I	FOR ADDI	ITIONAL C	CLAIMS O	R ADMEN	DMENTS				
FORM PT	r <b>0-2022</b> (1	-98)			ø.						U.S.DEI Patent a	PARTMEN and Trader	T OF COI	MMERCE

## CLAIMS ONLY

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED			TER NDMENT	AFTER 2nd AMENDMENT		
	IND.	DEP.	IND.	DEP.	IND.	DEP.	
201		1					
/ 2		1					
3		i					
14	-	1	<u> </u>				
5		1	<u> </u>			_	
6		1					
7		1			-		
8		١					
9		1	<u> </u>				
/10		1					
11		i	<u> </u>		<u> </u>		
12		i					
13	<del></del> -	1	<u> </u>				
14		<u> </u>	1	,			
15		1					
16							
17		1	<b> </b>				
18		1	<b> </b>				
19		. 1					
20		1					
21		1					
22		1					
23		1					
24		1		-	<b></b>		
25		1			<b></b>		
26		1			<u> </u>		
27	•	<u> </u>					
28		1			-		
29		1					
30		1	<del>                                     </del>		1		
31							
32		1	<u> </u>				
33							
34		1					
35		1	†				
36		1	1	-			
37		i					
38		1		-			
39		1					
40		<b> </b>	1				
41.		i		· · · ·			
/42	-	1					
43			<b></b>		T -	<u> </u>	
44			t	<b>†</b>	<b></b>	· ·	
45	-		1 -	<u> </u>	1		
46			<u>† -                                     </u>	<del>                                     </del>	1		
47	<del>-</del>	Ti-	<del> </del>	<del> </del>	<del> </del> -		
48		1	<b>†</b>		<del> </del>		
49		<u> </u>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>	
50	L	1.1	<del>                                     </del>	<del> </del>	<del> </del>		
TOTAL		<del>                                     </del>	-	<del></del>	<del> </del>		
IND.		] 🚚	<u> </u>		<u></u>		
TOTAL DEP.		<b>(55</b> )		400		400	
TOTAL CLAIMS		T					

<u>s</u>					<del></del>	
	*		<b>±</b>		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
; 51	<b></b>	1			<b> </b>	
7 52		i	<del>                                     </del>			
53		1	<del>                                     </del>		$\vdash \vdash \vdash$	
54	<b></b>	1	$\vdash$		<del>                                     </del>	<del></del>
55	<del>                                     </del>	<del> </del>	<del> </del>	<del>                                     </del>	<b></b>	<del>                                     </del>
+	<b> </b>	1	<del> </del>	<b></b>	<b> </b>	<del>                                     </del>
56	<del></del>	1	<del> </del>	$\vdash$	<b></b>	<del> </del>
57	<b> </b>	1	<b>├</b> ──	<b>  </b>	<b> </b>	<b> </b>
/ 58	<b> </b>	1	<b></b> _	<b> </b>	<b> </b>	
59	<b></b>	1	<del> </del>	<b></b>	$\vdash$	<b></b>
60	<b></b>	1	ļ!	ļ	<b> </b>	
61		1	<u> </u>	<u> </u>	<b></b>	
62	<u> </u>	1				
63		1				
64					<u>                                     </u>	
65	[ <u>'</u>	i			Γ <u></u> '	
66		1				
67		,				
68						
69	-					
70			<del>                                     </del>			
71		1	<del>                                     </del>			
72			<del>                                     </del>		<del>  </del>	
73		<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>
<del>   </del>			<del>                                     </del>		<del> </del>	l
74	<b></b>	1	<b>├</b>	<del>                                     </del>	<b> </b>	-
75		1	<b>↓</b>	<b> </b>		<b>_</b>
76		<u> </u>	<u> </u>	L	<b></b>	
77		1		Щ.	لـــــا	· ·
78		1	<u> </u>	<u> </u>	لــــــا	Ĺ
79	[!	,			<u>[</u> !	ĺ
80						ſ
81					Г <u></u> !	
82		i				
83	,	1			, T	
84		1	<b></b>		,	
85	-	1	<del>                                     </del>			
86			<del>                                     </del>		<del> </del>	<b></b>
87	<del> </del>		<del>                                     </del>		<del></del>	
88	<del> </del>	-	┼		<del> </del>	<del></del>
89	<del>                                     </del>	t	<del>                                     </del>		$\vdash$	<b></b>
$\rightarrow$	<del></del>	1	├	<b></b>	<b></b>	<u> </u>
90	ļi	1	<del>↓</del>	<b>├</b> ──	<b></b>	<del></del>
91	<del>                                     </del>	1	<b>↓</b>	<b></b>	Ь——	
92	<u> </u>	1	<b>↓</b>	ļ	ـــــــ	<u> </u>
93		1	↓	ļ!	<u> </u>	L
94	<u> </u>	11	ļ			<u> </u>
95	L	1_1	<u> </u>	<u> </u>	<u> </u>	L
96	1	Γ	Τ			
97		1	Τ	<u> </u>	Γ	
98		1	<u> </u>			Γ
99	l l	t	<del>-</del>			
300		1	1		$\vdash$	$\vdash$
TOTAL	<del>                                     </del>		<del>                                     </del>	<del>_</del>	<del>                                     </del>	<del>  _</del>
IND.	<u> </u>				<u> </u>	
TOTAL DEP.	l		<u></u>		l	<del>-</del>
TOTAL		T				Π

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

SERIAL NO.	FILING DATE				
APPLICANT(S)					

## CLAIMS ONLY

	AS F	ILED		TER NOMENT	AFT	
	IND.	DEP.	IND.	DEP.	2nd AME IND.	DEP.
yo 1						
2		1		<u> </u>		
3						
4				<del> </del>		
5						
6						
7						
8				<u> </u>		
9				-		
10						
11				<u> </u>		
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28	-					
29						
30						
31						
32						
33	-					
34				e		
35				<u> </u>	<del>                                     </del>	
36				<del>                                     </del>	<del> </del>	
37	-	<del></del>		<u> </u>	<b>-</b>	
38		-		1	1	
39	-			<del> </del>	<del>                                     </del>	
40	-				-	
41				<del>                                     </del>	<del></del>	
				<del> </del>		
42		<b>_</b>	<u> </u>	-	-	<u> </u>
43	-		<u> </u>	ļ		
44			<b> </b>		-	<u> </u>
45	<u> </u>		ļ		<u> </u>	<u> </u>
46			<u> </u>		<u> </u>	
47	<u> </u>		ļ			ļ
48	<u> </u>	<u> </u>		ļ		<u> </u>
49	Ļ	ļ	<u> </u>		ļ	ļ
50			L		<u> </u>	<u> </u>
TOTAL IND.		. д		П		Я
TOTAL						
DEP.	<del> </del>		<del>                                     </del>		<del> </del>	
~~	1	i .	1	1	1	1

	tr		*		÷		
	IND.	DEP.	iND.	OEP.	IND.	DEP.	
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63			<del> </del>				
64				-			
				<b></b>			
65			ļ	ļ			
66				<u> </u>			
67				-			
68			ļ				
69							
70					52		
71							
72							
73							
74						•	
75							
76							
77							
78							
79							
80			1	¥			
81			<b></b>				
82							
83							
84			-				
85	-		-				
86							
87				<b>-</b>			
88			<del>                                     </del>	<del> </del>		-	
89	<b> </b>	<del> </del>	1	<del>                                     </del>		-	
90	<del> </del>	<del> </del>	├	<del></del>	<b>-</b>	<u> </u>	
	<b></b>	<del> </del>	├──	<u> </u>	<del> </del>		
91	<u> </u>	<del>                                     </del>	1	-	<u> </u>	ļ	
92	<b></b>	ļ	<b> </b>	<u> </u>	<b>ļ</b>	<u> </u>	
93	ļ	<u> </u>	<b> </b>		<del>                                     </del>	<b></b> -	
94		ļ	ļ	1	ļ	L	
95	ļ		<u> </u>	<b>_</b>	ļ	L	
96	<b></b>		<u> </u>	<u> </u>		<b></b>	
97	L				<u> -</u>		
98							
99							
100		I					
TOTAL		м		В		-	
IND.	├		1		<del></del>		
DEP.		<del>, -</del>					
TOTAL CLAIMS			L	]	L		

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office